From:	Judson, Richard [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=606E6D5B34C84834B2F48F4563115E26-JUDSON, RICHARD]
Sent:	8/15/2017 9:13:11 PM
To:	Shoba.Iyer@oehha.ca.gov [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=fc7c036955c24ba78b5657fe5550c237-Shoba.Iyer@]
CC:	Linnenbrink, Monica [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=01f59a3f644b4c4eb2b74561b4b654d1-Linnenbrink, Monica]; Martin, Matthew [Matthew.Martin@pfizer.com]; Pham, LyLy [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=27e148789f5a42969dea7f70fd329549-Pham, LyLy]
Subject:	RE: Tanguay lab data on dashboard- Activity Score

Hi Shoba – sorry for not getting back to you – we've had one of our periodic avalanches of emails demanding attention, and yours got buried.

I'm setting out here what I think the process was, but ccing a couple of others who can maybe correct me.

The original data consisted of multiple wells per chemical / concentration pair, with one fish per well. The response for each chemical / concentration was the fraction of fish effected for each endpoint.

There were no tcpl methods assigned at levels 2 and 3 (data was not transformed or otherwise scaled). At level 5, 5*Bmad was used as the hit-calling cutoff.

Some summation of the raw data was used to come up with the overall developmental toxicity endpoint, equivalent to what the Padilla lab used – I do not know the details of this.

Hopefully this is the type of information you're looking for

Richard

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From: Iyer, Shoba@OEHHA [mailto:Shoba.Iyer@oehha.ca.gov]
Sent: Monday, August 14, 2017 6:53 PM
To: Judson, Richard <Judson.Richard@epa.gov>
Cc: Linnenbrink, Monica <Linnenbrink.Monica@epa.gov>
Subject: FW: Tanguay lab data on dashboard- Activity Score

Hi again Richard,

Just re-sending my earlier email request for an explanation of how the Tanguay lab Activity Score data displayed on the ToxCast dashboard were generated.

Thanks much,
Shoba

From: Iyer, Shoba@OEHHA
Sent: Wednesday, August 02, 2017 1:30 PM
To: 'Judson.Richard@epa.gov' <Judson.Richard@epa.gov>
Cc: Hao, Cordelia@OEHHA <Cordelia.Hao@oehha.ca.gov>
Subject: Tanguay lab data on dashboard- Activity Score

Hi Richard,

Hope you are doing well.

Monica referred me to you after I emailed her about getting some additional information on the Tanguay lab zebrafish data on the ToxCast Dashboard. Our student intern, Cordelia (CC-ed here), is working on a project using the zebrafish data, and we were able to get many of our questions addressed during a phone call this morning with Lisa Truong. From our conversation with Lisa, we learned that the Activity Score data were generated by the ToxCast team for the purpose of having a higher level/overall toxicity endpoint included. She mentioned that the Activity Scores were generated using percent activity for the all of the specific zebrafish endpoints. Would you be able to send us a more detailed description of how the Activity Scores were calculated for the Tanguay lab data?

Thanks much,
Shoba

PS. We also have a call set up with Stephanie Padilla later this month to discuss the specifics of the NHEERL zebrafish data. We'll reach out to you if we have any Dashboard-specific questions that don't get addressed during our call with her.

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